

L Number	Hits	Search Text	DB	Time stamp
-	3	"luo, huitao".in.	USPAT; US-PGPUB	2003/11/06 09:05
-	1	"rubberband function"	USPAT; US-PGPUB	2003/10/16 17:00
-	5	"rubber band function"	USPAT; US-PGPUB	2003/10/16 17:00
-	37	"contour recognition"	USPAT; US-PGPUB	2003/11/04 16:54
-	230	"contour detection"	USPAT; US-PGPUB	2003/11/05 12:23
-	858	"edge detection" and contour	USPAT; US-PGPUB	2003/11/05 13:41
-	76	"distortion criterion"	USPAT; US-PGPUB	2003/11/05 14:59
-	4	("4748675" "5054103" "5510838" "5644654").PN.	USPAT	2003/11/05 14:59
-	7	5774595.URPN.	USPAT	2003/11/05 14:59
-	9	("4853971" "5131058" "5675669" "5764808" "5774595" "5793893" "5838829" "5870501" "5881183").PN.	USPAT	2003/11/05 15:01
-	18	("3268864" "3890596" "4110736" "4115806" "4206441" "4327354" "4334274" "4425559" "4545070" "4550434" "4555801" "4594673" "4603431" "4626838" "4631690" "4646078" "4698779" "4736443").PN.	USPAT	2003/11/05 15:01
-	40	"contour approximation"	USPAT; US-PGPUB	2003/11/05 15:28
-	935	("edge detection" or "boundary detection") and contour	USPAT; US-PGPUB	2003/11/05 15:35
-	97	("edge detection" or "boundary detection") and contour and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/05 15:38
-	478	("edge detection" or "boundary detection") and contour and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/05 16:25
-	67	("edge detection" or "boundary detection") and contour and vertices and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/05 16:28
-	18	("edge detection" or "boundary detection") same contour and vertices and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/20 15:59
-	23	("edge detection" or "boundary detection") same contour and vertices and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/05 16:47
-	184	contour same vertices and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/20 12:54
-	116	contour with vertices and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/05 16:54
-	116	contour with vertices and (345/\$.ccls. or 382/\$.ccls.) and contour and vertices	USPAT; US-PGPUB	2003/11/05 16:54
-	653	345/619.ccls.	USPAT; US-PGPUB	2003/11/06 09:07
-	71	345/619.ccls. and contour	USPAT; US-PGPUB; EPO; JPO	2003/11/06 09:11
-	499	(boundary or edge or contour) with (approximation or detection) and (345/\$.ccls. or 382/\$.ccls.) and (vertex or vertices)	USPAT; US-PGPUB; EPO; JPO	2003/11/12 14:12
-	458	(boundary or edge or contour) with (approximation or detection) and (345/\$.ccls. or 382/\$.ccls.) and (vertex or vertices) and @ad<=20020114	USPAT; US-PGPUB; EPO; JPO	2003/11/06 10:36
-	212	(boundary or edge or contour) adj (approximation or detection) and (345/\$.ccls. or 382/\$.ccls.) and (vertex or vertices) and @ad<=20020114	USPAT; US-PGPUB; EPO; JPO	2003/11/12 13:52
-	114	(boundary or edge or contour) with (approximation or detection) and (345/\$.ccls. or 382/\$.ccls.) and gradient and (vertex or vertices) and @ad<=20020114	USPAT; US-PGPUB; EPO; JPO	2003/11/06 10:40

-	60	(boundary or edge or contour) with (approximation or detection) and (345/\$.ccls. or 382/\$.ccls.) and gradient and (vertex or vertices) and width and @ad<=20020114	USPAT; US-PGPUB; EPO; JPO	2003/11/06 10:43
-	7	(boundary or edge or contour) with (approximation or detection) and (345/\$.ccls. or 382/\$.ccls.) and gradient and (vertex or vertices) and (rectangle same width) and @ad<=20020114	USPAT; US-PGPUB; EPO; JPO	2003/11/06 11:07
-	12	(boundary or edge or contour) same (approximation or detection) and (345/\$.ccls. or 382/\$.ccls.) and gradient and (vertex or vertices) and (rectangle same width) and @ad<=20020114	USPAT; US-PGPUB; EPO; JPO	2003/11/06 11:12
-	47	(boundary or edge or contour) same (approximation or detection) and (345/\$.ccls. or 382/\$.ccls.) and (vertex or vertices) and (rectangle same width) and @ad<=20020114	USPAT; US-PGPUB; EPO; JPO	2003/11/06 11:12
-	920	(boundary or edge or contour) with (approximation or detection) and (345/\$.ccls. or 382/\$.ccls.) and gradient	USPAT; US-PGPUB; EPO; JPO	2003/11/12 13:53
-	114	(boundary or edge or contour) with (approximation or detection) and (345/\$.ccls. or 382/\$.ccls.) and (vertex or vertices) and gradient and @ad<=20020114	USPAT; US-PGPUB; EPO; JPO	2003/11/12 14:32
-	8	(boundary or edge or contour) with (approximation or detection) and (345/\$.ccls. or 382/\$.ccls.) and (vertex or vertices) and (gradient with shortest) and @ad<=20020114	USPAT; US-PGPUB; EPO; JPO	2003/11/12 14:58
-	3	"weighted acyclic graph"	USPAT; US-PGPUB; EPO; JPO	2003/11/12 14:36
-	18	(boundary or edge or contour) with (approximation or detection) and (345/\$.ccls. or 382/\$.ccls.) and (vertex or vertices) and (gradient with (shortest or least)) and @ad<=20020114	USPAT; US-PGPUB; EPO; JPO	2003/11/12 17:06
-	19	curvature with distance with vertices	USPAT; US-PGPUB; EPO; JPO	2003/11/12 17:06
-	803	"acyclic graph"	USPAT; US-PGPUB	2003/11/13 16:11
-	221	"acyclic graph" and (weight or weighted)	USPAT; US-PGPUB	2003/11/13 16:12
-	61	"acyclic graph" and (weight or weighted) and image	USPAT; US-PGPUB	2003/11/13 16:23
-	392	"acyclic graph" and (contour or edge or boundary)	USPAT; US-PGPUB	2003/11/13 16:25
-	100	"acyclic graph" same(contour or edge or boundary)	USPAT; US-PGPUB	2003/11/13 16:46
-	201	contour and "shortest path"	USPAT; US-PGPUB	2003/11/13 16:47
-	22	contour same "shortest path"	USPAT; US-PGPUB	2003/11/13 16:49
-	333	"shortest path" same (edge or boundary or contour)	USPAT; US-PGPUB	2003/11/13 16:50
-	24	"shortest path" same (edge or boundary or contour) and graph and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/13 16:50
-	396	"scale parameter"	USPAT; US-PGPUB	2003/11/17 13:45
-	139	"scale parameter" and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/17 13:46
-	38	"scale parameter" and (345/\$.ccls. or 382/\$.ccls.) and variance	USPAT; US-PGPUB	2003/11/17 13:47
-	6	("scale parameter" same variance) and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/17 13:58
-	5	("scale parameter" same gradient) and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/17 13:58
-	7	("scale parameter" same gradient) and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/17 13:58

-	18	code with detecting with contour	USPAT; US-PGPUB	2003/11/17 16:16
-	11	code with detecting with contour and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/17 16:17
-	34	gradient and "shortest path" and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/19 12:47
-	2	gradient with "shortest path" and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/19 13:00
-	8	gradient same "shortest path" and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/19 13:01
-	359	gradient with (shortest or least) and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/19 13:01
-	285	(edge or boundary) and gradient with (shortest or least) and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/19 13:05
-	6	gradient with neighborhood with size and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/19 17:02
-	4	gradient with neighborhood with variable and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/19 17:03
-	109	gradient with neighborhood and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/19 17:12
-	4	gradient with neighborhood with scale and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/19 17:04
-	6	gradient and (determine with neighborhood with size) and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/19 17:04
-	0	gradient with "neighborhood size" and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/20 15:48
-	78	"neighborhood size" and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/19 17:13
-	2	"6332034"	USPAT; US-PGPUB	2003/11/20 12:53
-	1	6332034.URPN.	USPAT	2003/11/20 10:05
-	8	("4787906" "5463698" "5572565" "5574799" "5647018" "5825909" "5995668" "6081617").PN.	USPAT	2003/11/20 10:38
-	585	gradient and ((edge or boundary or contour) adj detection) and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/20 13:35
-	220	gradient and heuristic and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/20 15:07
-	39	gradient and heuristic and curvature and (345/\$.ccls. or 382/\$.ccls.)	USPAT; US-PGPUB	2003/11/20 15:08
-	180	curvature and (edge or boundary or contour) adj detection and (345/\$.ccls. or 382/\$.ccls.) and @ad<=20020114	USPAT; US-PGPUB	2003/11/20 15:54